

and the estimated number of the fruit at 217,172, 363 ! The support of the numerous families, the fortunes of the merchants engaged in this commerce, and even the revenue of this country, and the wealth, ay, and even the very existence of a whole population, are thus directly affected by the operations of a diminutive insect.—*From the Anniversary Address delivered at the Entomological Society, Feb. 10, 1845, by the President, G. Newport, F.R.C.S.*

METEOROLOGICAL OBSERVATIONS FOR FEB. 1845.

Chiswick.—February 1. Sharp frost : snow-showers at night. 2. Clear and frosty : cloudy : clear and frosty. 3. Hazy and drizzly. 4. Overcast : cloudy : frosty. 5. Overcast : fine : clear. 6. Clear throughout : sharp frost at night. 7. Frosty : overcast : clear and frosty. 8. Overcast : frosty. 9. Clear and frosty : fine : slight frost. 10. Overcast : snowing. 11. Frosty : most intense frost at night, the lowest being 35° below the freezing-point. 12. Intense frost, only 4° above zero at 8 A.M. : dry air and frosty : bright sun : severe frost at night. 13. Overcast : snowing : sleet and rain. 14. Thawing : clear and fine : overcast. 15. Clear and frosty. 16. Fine : densely overcast : frosty. 17. Foggy : fine : clear and frosty. 18. Foggy : hazy clouds. 19. Overcast : clear : frosty. 20, 21. Clear and frosty throughout. 22. Snow-showers : foggy. 23. Snow : rain. 24. Cloudy and cold. 25. Frosty : fine : rain. 26. Clear : fine : densely overcast. 27, 28. Overcast.—Mean temperature of the month 8° below the average.

Boston.—Feb. 1. Cloudy : snow A.M. and P.M. 2. Fine. 3. Cloudy : rain A.M. and P.M. 4. Cloudy. 5. Fine : stormy night. 6. Windy. 7. Fine. 8. Cloudy. 9. Fine. 10. Snow. 11, 12. Fine. 13. Cloudy : rain and snow A.M. 14, 15. Fine. 16. Cloudy : rain early A.M. 17, 18. Fine. 19. Cloudy. 20. Fine. 21. Foggy. 22. Cloudy. 23. Snow : rain P.M. 24. Cloudy. 25. Fine : rain P.M. 26. Fine. 27. Cloudy. 28. Fine.

The above you will find a very cold month ; I think you will find nothing like it since February 1838.

Sandwich Manse, Orkney.—Feb. 1. Frost : cloudy. 2. Rain. 3. Bright : cloudy. 4. Cloudy : sleet-showers. 5. Snow-showers. 6. Snow-showers : snow-drift. 7. Snow-showers. 8. Snow-showers : clear. 9, 10. Thaw : cloudy : drops. 11. Clear : showers. 12. Cloudy : showers. 13. Showers. 14. Snow : cloudy. 15. Showers : cloudy. 16. Fog : cloudy. 17. Bright : clear : fine. 18, 19. Fine : cloudy. 20. Showers. 21. Showers : clear : fine. 22. Showers : snow-showers. 23. Showers. 24. Cloudy : clear : aurora. 25. Clear : cloudy. 26. Cloudy : clear : frost. 27. Bright : cloudy. 28. Cloudy : clear.

Applegarth Manse, Dumfries-shire.—Feb. 1. Frost. 2. Severe frost : rain P.M. 3. Fine thaw. 4. Frost : thaw P.M. 5. Thaw A.M. : frost P.M. 6. Frost : clear and fine. 7, 8. Hard frost. 9. Snow. 10. Slight thaw. 11. Snow-showers. 12. Frost A.M. : rain P.M. 13. Heavy rain. 14. Frost : shower : snow and hail. 15. Frost : thaw P.M. 16, 17. Fine. 18. Fine spring day. 19. Frost : fine. 20. Slight frost : fine. 21. Fine : no frost. 22. Slight frost : snow. 23. Slight frost : fine. 24. Frost : rain P.M. 25. Fresh : fine. 26. Frost A.M. : fine. 27. Frost. 28. Frost : fine.

Mean temperature of the month	34°·5
Mean temperature of Feb. 1844	32 ·9
Mean temperature of Feb. for twenty years	36 °0